

WHAT IS CLAIMED IS:

1. A viscoelastic characteristic value-measuring apparatus having an input bar and an output bar arranged in a straight line to hold a specimen made of a viscoelastic material therebetween; first and second strain gauges installed on said input bar to measure an incident strain wave generated when a front end of said input bar is hit and a reflected strain wave; and third and fourth strain gauges installed on said output bar to measure a transmitted strain wave transmitted from said input bar to said output bar through said specimen,

wherein said input bar and said output bar are made of an viscoelastic material; a length of said output bar is set to a range from 500mm to 2500mm both inclusive; and a length of said input bar is set to a range from 1500mm to 2500mm both inclusive.

2. The measuring apparatus according to claim 1, wherein the length of said output bar is less than that of said input bar.

3. The measuring apparatus according to claim 1, wherein said input bar and said output bar are made of a polymer.

4. The measuring apparatus according to claim 1, wherein said input bar and said output bar are made of